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By: Steven W. Parmelee

PATENT

Attorney Docket No. 16336-000300



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

WILLIAM R. A. OSBORNE et al.

Application No.: 08/217,324

Filed: March 24, 1994

For: DEVICES AND METHODS FOR
IMPLANTING TRANSDUCED
CELLS

Examiner: J. Woitach

Art Unit: 1632

AMENDMENT

TECH CENTER 1600/2900

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Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action having a mailing date of May 23, 2001, please amend the application as follows:

IN THE CLAIMS:

An Appendix showing all changes to the claims is attached to this amendment as required by 37 CFR § 1.12(b).

1. (Twice Amended) A device for implanting autologous vascular smooth muscle cells transduced with a gene of interest into a mammalian subject, comprising:
a tubular elongate member having a wall, which wall has an interior surface, an exterior surface, and pores therein; and
autologous smooth muscle cell transduced with the gene of interest immobilized within the pores and upon the interior surface of the wall to form a tubular smooth muscle cell complex whereby the smooth muscle cells remain stably immobilized on the graft surface and express a product of said gene.